



March 16, 2005

Mr. Joe Aldridge
Ultramar Inc.
685 West Third Street
Hanford, CA 93230

Subject: **Quarterly Groundwater Monitoring Report**
First Quarter 2005
Former Beacon Station No. 3699
921 Merchant Street, Vacaville, California

Mr. Aldridge:

Horizon Environmental Inc. (Horizon) has prepared this report documenting results of first quarter 2005 groundwater monitoring at the subject site located in Solano County as shown on Figure 1. There are currently seven groundwater monitoring wells (MW-3 through MW-9) associated with the site as shown on Figure 2.

Groundwater Monitoring

Groundwater monitoring activities were conducted by Doulos Environmental Company (Doulos) on January 18, 2005 according to Ultramar Inc. (Ultramar) Field Procedures (Attachment A). Monitoring activities included measurement of static groundwater level, purging groundwater from the wells, collection of groundwater samples, and preparation and delivery of the samples to the analytical laboratory.

The depth to groundwater in the monitoring wells was measured to the nearest 0.01 foot from the top-of-casing (TOC). The physical parameters of conductivity, pH and temperature were monitored with field instrumentation during the purging process. Field groundwater level and purge data were recorded on the Doulos Groundwater Level Data and Sampling Information Sheets (Attachment B).

Groundwater samples were collected from monitoring wells MW-3 through MW-9 and submitted, under chain-of-custody documentation, to Kiff Analytical LLC (Kiff), a California-certified analytical laboratory (ELAP No. 2236) located in Davis, California. The groundwater samples were analyzed for: total petroleum hydrocarbons as gasoline (TPHg); the volatile aromatic compounds benzene, toluene, ethylbenzene and total xylenes (BTEX); and the fuel oxygenates methyl-t-butyl ether (MTBE), diisopropyl ether (DIPE), ethyl-t-

butyl ether (ETBE), tert-amyl methyl ether (TAME), and tert-butanol (TBA) by Environmental Protection Agency (EPA) Method 8260B.

Groundwater Monitoring Results

Depth-to-groundwater measurements were subtracted from the surveyed TOC elevations to calculate groundwater elevations as summarized in Table 1. Groundwater elevation data was used to construct a groundwater elevation contour map (Figure 2).

Groundwater analytical results for TPHg, BTEX and MTBE are summarized in Table 1. The analytical report is contained in Attachment C. Historical groundwater monitoring data are contained in Attachment D.

GeoTracker Electronic Data Deliverables

The analytical electronic data deliverable (EDD) is uploaded by Kiff. The groundwater well measurement EDD (GEO_WELL) for this quarterly monitoring event has been uploaded by Horizon. The GEO_WELL file upload confirmation sheet is contained in Attachment E.

Recommendations

Horizon proposes elimination of DIPE, ETBE, TAME and TBA analyses for future quarterly monitoring. No concentrations of these analytes have been detected in any monitoring well for the past two quarters.

Report Distribution

We recommend a copy of this report be forwarded to:

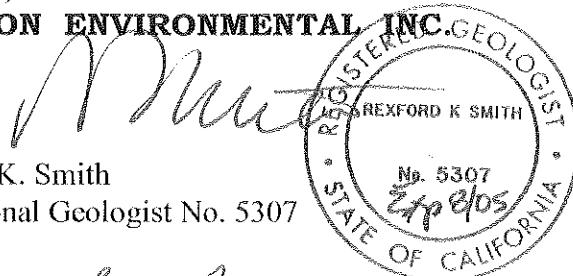
Mr. Max Clark
Solano County Department of Resource Management
675 Texas Street, Suite 5500
Fairfield, California 94533

Mr. Jim Barton
Regional Water Quality Control Board
Central Valley Region
11020 Sun Center Drive, #200
Rancho Cordova, California 95670

If you have any questions or require additional information, call Horizon at (916) 939-2170.

Sincerely,

HORIZON ENVIRONMENTAL INC.



Rexford K. Smith
Professional Geologist No. 5307

A handwritten signature of Karen P. Liptak is shown below her title.

Karen P. Liptak
Staff Geologist

Attachments:

Figure 1. Site Vicinity Map

Figure 2. Site Plan / Groundwater Elevation Contour Map

Table 1. Groundwater Monitoring Data

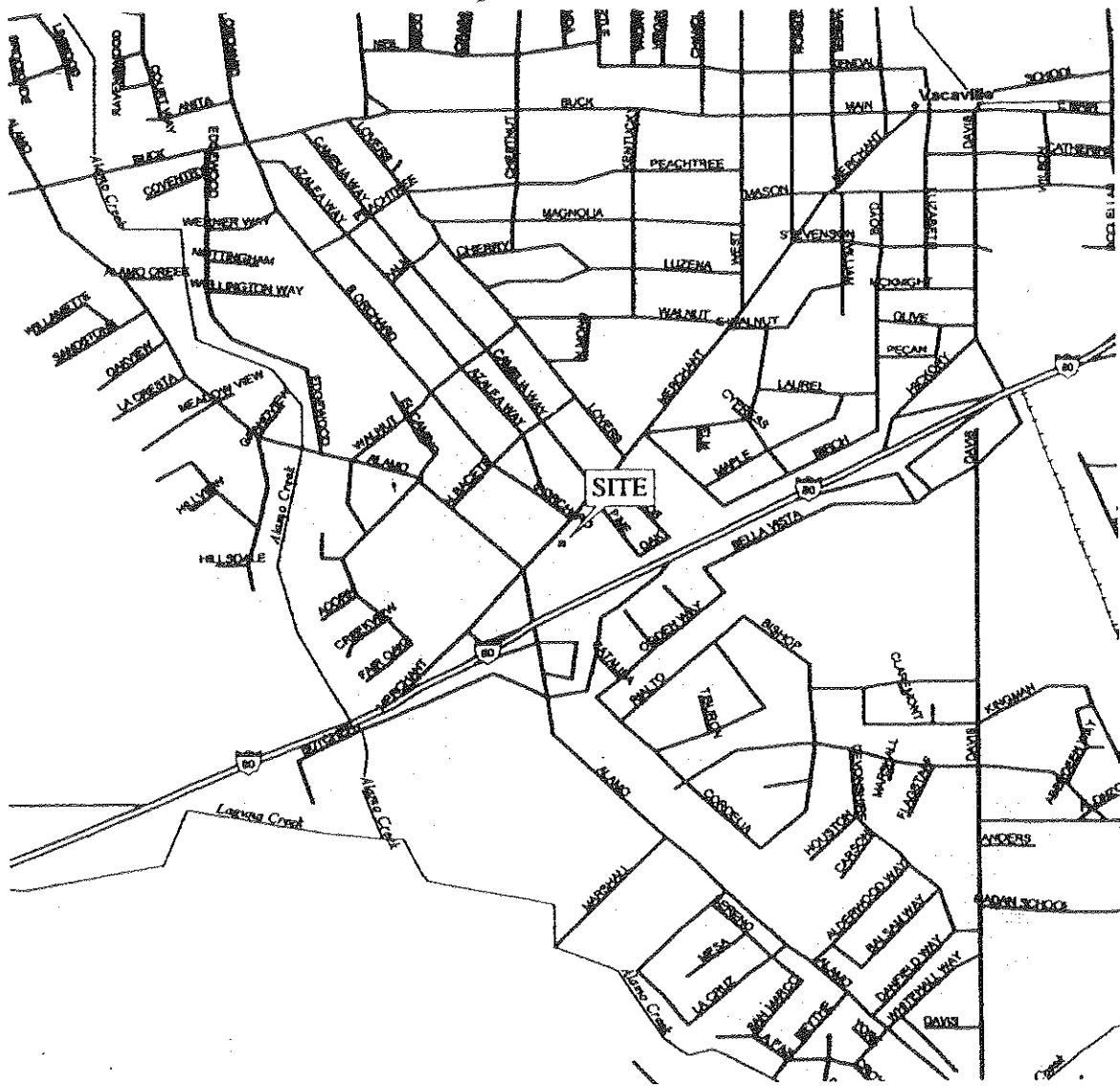
Attachment A: Ultramar Inc. Field Procedures

Attachment B: Doulos Sampling Information Sheets

Attachment C: Analytical Report

Attachment D: Historical Groundwater Monitoring Data

Attachment E: GEO_WELL Electronic Data Deliverable Confirmation Sheet



0 0.25 0.5
Approximate Scale In Miles

Source: Figure Modified From Street Atlas USA,
Delorme (1995).



HORIZON ENVIRONMENTAL INC.

Project Number: 1699.45
Prepared by: K. Liptak
Reviewed by: R. Smith

Drawn By: D. Alston
Date: 2/96
Revised Date:

**SITE VICINITY MAP
FORMER BEACON STATION 3699
921 Merchant Street
Vacaville, California**

FIGURE

1

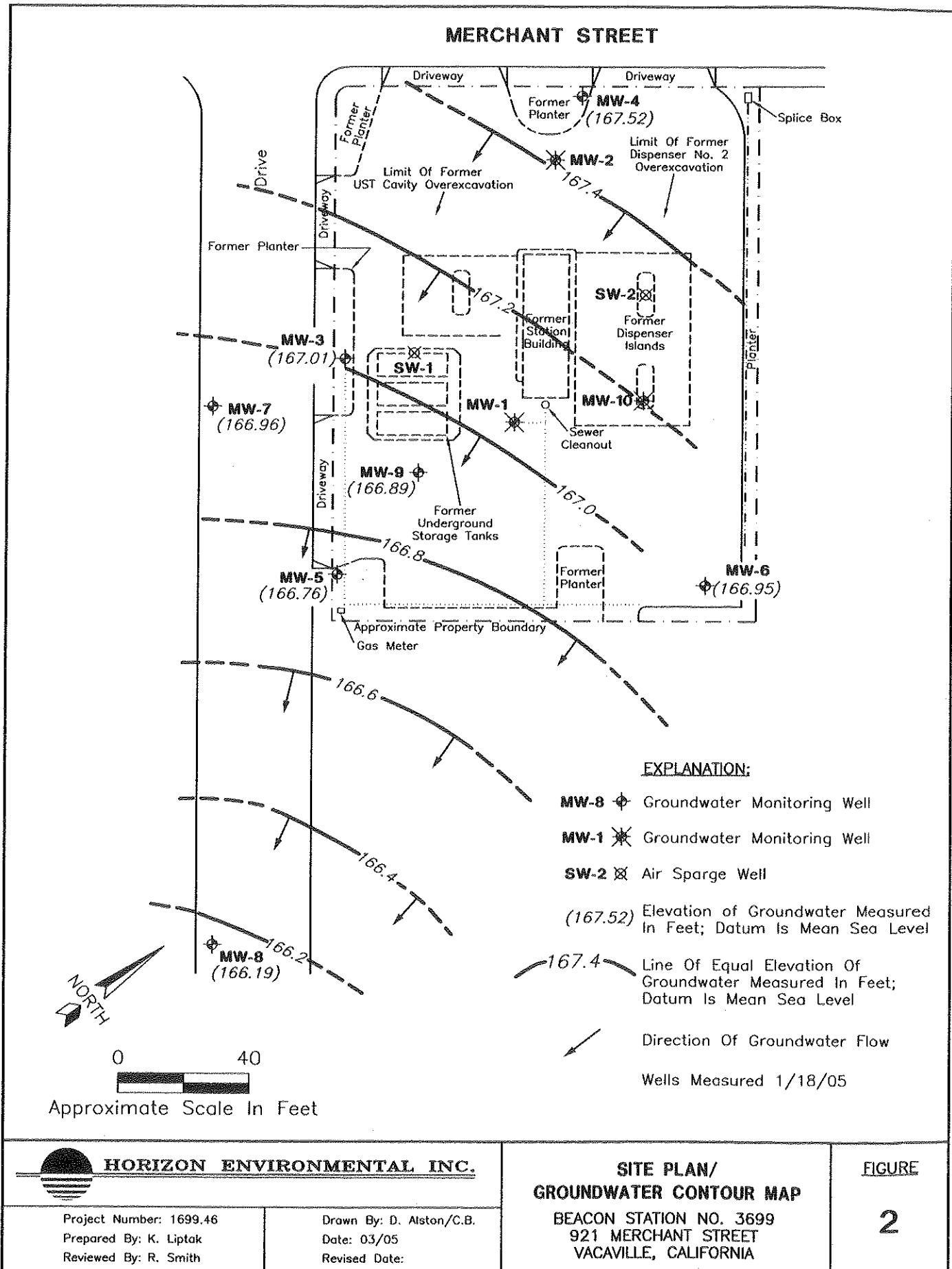


TABLE 1
GROUNDWATER MONITORING DATA
Former Beacon Station No. 3699, Vacaville, California

Well Number	Date	TPHg (ppb)	benzene (ppb)	toluene (ppb)	ethylbenzene (ppb)	xylenes (ppb)	MTBE (ppb)	Depth to GW (feet)	TOC Elevation (feet msl)	GW Elevation (feet msl)	Comments
MW-1 screened interval 10-25'	01/26/98	300	0.51	1.4	7.5	12	330	9.52	99.87	90.35	odor, no sheen
	05/05/98	77	<0.50	<0.50	<0.50	<0.50	20	9.37		90.5	petroleum odor, no sheen
	07/22/98	<50	<0.50	<0.50	<0.50	<0.50	21	21.02		78.85	petroleum odor, no sheen
	11/11/98	<50	<0.50	<0.50	<0.50	<0.50	8	15.91		83.96	slight odor, no sheen
	12/14/98	ns	ns	ns	ns	ns	ns	nm	99.84		new survey
	01/27/99	<50	<0.50	<0.50	<0.50	<0.50	20	11.34		88.5	slight odor, no sheen
	05/21/99	na	<0.50	<0.50	<0.50	<0.50	67	10.27		89.57	slight odor, no sheen
	08/16/99	<50	<0.50	<0.50	<0.50	<0.50	77	15.41		84.43	slight odor, no sheen
	11/17/99	<50	<0.50	<0.50	<0.50	<0.50	43	13.85		85.99	
	03/06/00	<50	<0.50	<0.50	<0.50	<0.50	6.9	7.96		91.88	
MW-2 screened interval 10-25'	05/09/00	<50	<0.50	<0.50	<0.50	<0.50	7.4	10.11		89.73	sample clear
	08/21/00	<50	<0.50	<0.50	<0.50	<0.50	24	13.03		86.81	sample clear
	10/27/00	<50	<0.50	<0.50	<0.50	17	13.46			86.38	well destroyed
	12/20/00	--	--	--	--	--	--	--		--	
	01/26/98	<50	<0.50	<0.50	<0.50	<0.50	6.6	8.06	98.66	90.6	odor, no sheen
	05/05/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	7.76		90.9	petroleum odor, no sheen
	07/22/98	<50	<0.50	<0.50	<0.50	<0.50	8.8	9.56		89.1	petroleum odor, no sheen
MW-3 screened interval 10-25'	11/11/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	11.13		87.53	slight odor, no sheen
	12/14/98	ns	ns	ns	ns	ns	ns	nm	98.64		new survey
	01/27/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	9.84		88.8	slight odor, no sheen
	05/21/99	na	<0.50	<0.50	<0.50	<0.50	<0.50	8.69		89.95	slight odor, no sheen
	08/16/99	<50	2.3	1.1	<0.50	1.4	<5.0	11.3		87.34	slight odor, no sheen
	11/17/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.4		86.24	
	03/06/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	6.4		92.24	
	05/09/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	8.56		90.08	
	08/21/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	11.55		87.09	sample clear
	10/27/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.01		86.63	sample clear
	12/20/00	--	--	--	--	--	--	--		--	well destroyed

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Former Beacon Station No. 3699, Vacaville, California

Well Number	Date	TPHg (ppb)	benzene (ppb)	toluene (ppb)	ethylbenzene (ppb)	xylenes (ppb)	MTBE (ppb)	Depth to GW (feet)	TOC Elevation (feet msl)	GW Elevation (feet msl)	Comments
MW-3 screened interval 10-25	01/26/98	<50	1.8	<0.50	2.3	3.3	120	9.73	100.05	90.32	no odor, no sheen
	05/05/98	<50	<0.50	<0.50	<0.50	<0.50	<0.50	5.0	9.48	90.57	no odor, no sheen
	07/22/98	51	<0.50	<0.50	<0.50	<0.50	<0.50	15	11.28	88.77	no odor, no sheen
	11/11/98	95	<0.50	<0.50	<0.50	<0.50	<0.50	63	12.4	87.65	no odor, no sheen
	12/14/98	ns	ns	ns	ns	ns	ns	ns	100.07	new survey	
	01/27/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	250	11.56	88.51	no odor, no sheen
	05/21/99	na	<0.50	<0.50	<0.50	<0.50	<0.50	8	10.42	89.65	no odor, no sheen
	08/16/99	69	<0.50	<0.50	<0.50	<0.50	<0.50	14	12.99	87.08	no odor, no sheen
	11/17/99	61	<0.50	<0.50	<0.50	<0.50	<0.50	97	14.03	86.04	
	03/06/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	210	8.16	91.91	
	05/09/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	20	10.32	89.75	
	08/21/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12	13.21	86.86	sample clear
	10/27/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	21	13.65	86.42	sample clear
	02/12/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	10	11.15	88.92	sample clear
	04/16/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	5.1	10.82	89.25	sample clear
	07/24/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	15	13.85	86.22	sample clear
	11/06/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	17	15.22	84.85	sample clear
	01/30/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	35	9.91	90.16	sample clear
	05/02/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	11.05	165.61	sample clear
	07/29/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.4	13.41	163.25	sample clear
	11/19/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	6.3	13.84	162.82	sample clear
	03/03/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	9.94	166.72	sample clear
	05/29/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	10.72	165.94	sample clear
	07/28/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	12.55	164.11	sample clear
	11/05/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.88	13.80	162.86	sample clear
	02/23/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	9.12	167.54	sample clear
	04/21/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	10.45	166.21	sample clear
	07/12/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	12.84	163.82	sample clear
	11/18/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.91	163.75		sample clear
	01/18/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.63	9.65	167.01	sample clear

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MW-4 screened interval 10-25'	01/26/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	8.59	99.29	90.7	no odor, no sheen
	05/05/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	8.32	90.97	90.97	no odor, no sheen
	07/22/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	10.13	89.16	89.16	no odor, no sheen
	11/11/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	11.73	87.56	87.56	no odor, no sheen
	12/14/98	ns	ns	ns	ns	ns	ns	nm	99.28	88.87	new survey
	01/27/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	10.41	90	90	no odor, no sheen
	05/21/99	na	<0.50	<0.50	<0.50	<0.50	<0.50	9.28	87.39	87.39	no odor, no sheen
	08/16/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	11.89	86.3	86.3	no odor, no sheen
	11/17/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.98	92.3	92.3	no odor, no sheen
	03/06/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	6.98	90.15	90.15	sample clear
	05/09/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	9.13	87.15	87.15	sample clear
	08/21/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.13	86.69	86.69	sample clear
	10/27/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.59	89.30	89.30	sample clear
	02/12/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	9.98	89.63	89.63	sample clear
	04/16/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	9.65	166.10	166.10	sample clear
	07/24/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.75	86.53	86.53	sample clear
	11/06/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	14.11	85.17	85.17	no comment
	01/30/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	8.69	167.22	167.22	sample clear
	05/02/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	9.83	166.46	166.46	sample clear
	07/29/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.25	163.68	163.68	sample clear
	11/19/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.73	163.20	163.20	sample clear
	03/03/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	8.71	166.46	166.46	sample clear
	05/29/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	9.47	164.62	164.62	sample clear
	07/28/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	11.31	163.17	163.17	sample clear
	11/05/03	ns	ns	ns	ns	ns	ns	12.76	168.05	168.05	sample clear
	02/23/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	7.88	166.70	166.70	sample clear
	04/21/04	ns	ns	ns	ns	ns	ns	9.23	164.31	164.31	sample clear
	07/12/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	11.62	164.23	164.23	not sampled
	11/18/04	ns	ns	ns	ns	ns	ns	11.70	167.52	167.52	sample clear
	01/18/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	8.41			

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Well Number	Date	TPHg (ppb)	benzene (ppb)	toluene (ppb)	ethylbenzene (ppb)	xylenes (ppb)	MTBE (ppb)	Depth to GW (feet)	TOC Elevation (feet msl)	GW Elevation (feet msl)	Comments
MW-5 screened interval 10-25'	01/26/98	1300	12	0.78	50	150	83	10.76	100.58	89.82	odor, no sheen
	05/05/98	2200	12	0.74	200	100	140	10.6	89.98	89.98	petroleum odor, no sheen
	07/22/98	3000	11	1.4	60	200	74	22.67	77.91	77.91	petroleum odor, no sheen
	11/11/98	260	1	<0.50	3.1	15	25	20.16	80.42	80.42	petroleum odor, no sheen
	12/14/98	ns	ns	ns	ns	ns	ns	nm	100.89		
	01/27/99	730	5.2	0.74	58	64	47	15.17		85.72	new survey
	05/21/99	na	<10	<10	40	150	1100	11.54		89.35	slight odor, no sheen
	08/16/99	2500	5	1.9	14	29	750	16.68		84.21	slight odor, no sheen
	11/17/99	2800	1.8	<0.50	5.2	16	130	15.08		85.81	slight odor, no sheen
	03/06/00	1800	1.2	<0.50	0.92	24	69	9.26		91.63	sample clear
	05/09/00	940	<0.50	<0.50	2.8	13	300	11.39		89.5	sample clear
	08/21/00	3300	1.7	<1.0	3.8	9.5	120	14.25		86.64	sample clear
	10/27/00	1800	1.1	<0.50	3.0	11	83	14.66		86.23	sample clear
	02/12/01	900	1.1	<0.50	1.4	3.1	31	12.15		88.74	sample clear
	04/16/01	1300	1.1	<0.50	2.2	3.2	90	11.88		89.01	sample clear
	07/24/01	1800	1.1	<0.50	1.1	2.3	65	14.89		86.00	sample clear
	11/06/01	770	<0.50	<0.50	<0.50	<0.50	19	16.21		84.68	sample clear
	01/30/02	1700	0.63	<0.50	9.9	5.7	16	11.02		89.87	sample clear
	05/02/02	1900	<0.50	<0.50	5.9	5.6	14	12.15		165.35	sample clear
	07/29/02	1800	0.59	<0.50	2.5	2.3	14	14.50		163.00	sample clear
	11/19/02	1100	<0.50	<0.50	1.4	<0.50	13	14.87		162.63	sample clear
	03/03/03	520	<0.50	<0.50	1.1	0.63	17	11.05		166.45	sample clear
	05/29/03	910	<0.50	<0.50	1.2	1.5	23	11.81		165.69	sample clear
	07/28/03	1100	<0.50	<0.50	<0.50	0.60	10	13.61		163.89	sample clear
	11/05/03	1000	<0.50	<0.50	<0.50	<0.50	5.5	14.79		162.71	sample clear
	02/23/04	250	<0.50	<0.50	<0.50	<0.50	1.8	10.25		167.25	sample clear
	04/21/04	900	<0.50	<0.50	0.69	0.75	7.4	11.55		165.95	sample clear
	07/12/04	1000	<0.50	<0.50	<0.50	<0.50	2.8	13.91		163.59	sample clear
	11/18/04	410	<0.50	<0.50	<0.50	<0.50	1.2	13.99		163.51	sample clear
	01/18/05	290	<0.50	<0.50	<0.50	<0.50	0.64	10.74		166.76	sample clear

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Well Number	Date	TPHg (ppb)	benzene (ppb)	toluene (ppb)	ethylbenzene (ppb)	xylenes (ppb)	MTBE (ppb)	Depth to GW (feet)	TOC Elevation (feet msl)	GW Elevation (feet msl)	Comments
MW-6 screened interval 7-22'	01/26/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	10.47	100.68	90.21	no odor, no sheen
	05/05/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	10.31	90.37	90.37	no odor, no sheen
	07/22/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	12.06	88.62	88.62	no odor, no sheen
	11/11/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	13.51	87.17	87.17	no odor, no sheen
	12/14/98	ns	ns	ns	ns	ns	ns	nm	100.66	new survey	
	01/27/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	12.26	88.4	88.4	no odor, no sheen
	05/21/99	na	<0.50	<0.50	<0.50	<0.50	<0.50	11.23	89.43	89.43	no odor, no sheen
	08/16/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	16.35	84.31	84.31	no odor, no sheen
	11/17/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	14.74	85.92	85.92
	03/06/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	8.93	91.73	91.73	
	05/09/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	11.04	89.62	89.62	
	08/21/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	13.95	86.71	86.71	sample clear
	10/27/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	14.32	86.34	86.34	sample clear
	02/12/01	<50	<0.50	<0.50	<0.50	<0.50	<5.0	11.75	88.91	88.91	sample clear
	04/16/01	<50	<0.50	<0.50	<0.50	<0.50	<5.0	11.56	89.10	89.10	sample clear
	07/24/01	<50	<0.50	<0.50	<0.50	<0.50	<5.0	14.55	86.11	86.11	sample clear
	11/06/01	<50	<0.50	<0.50	<0.50	<0.50	<5.0	15.87	84.79	84.79	sample clear
	01/30/02	<50	<0.50	<0.50	<0.50	<0.50	<5.0	10.69	89.97	89.97	sample clear
	05/02/02	<50	<0.50	<0.50	<0.50	<0.50	<5.0	11.81	177.35	177.35	sample clear
	07/29/02	<50	<0.50	<0.50	<0.50	<0.50	<5.0	14.16	165.54	165.54	sample clear
	11/19/02	<50	<0.50	<0.50	<0.50	<0.50	<5.0	14.55	163.19	163.19	sample clear
	03/03/03	<50	<0.50	<0.50	<0.50	<0.50	<5.0	10.72	162.80	162.80	sample clear
	05/29/03	<50	<0.50	<0.50	<0.50	<0.50	<5.0	11.50	166.63	166.63	sample clear
	07/28/03	<50	<0.50	<0.50	<0.50	<0.50	<5.0	13.27	165.85	165.85	sample clear
	11/05/03	ns	ns	ns	ns	ns	ns	14.52	164.08	164.08	sample clear
	02/23/04	<50	<0.50	<0.50	<0.50	<0.50	<5.0	9.90	167.45	167.45	sample clear
	04/21/04	ns	ns	ns	ns	ns	ns	11.25	166.10	166.10	sample clear
	07/12/04	<50	<0.50	<0.50	<0.50	<0.50	<5.0	13.57	163.78	163.78	sample clear
	11/18/04	ns	ns	ns	ns	ns	ns	13.62	163.73	163.73	not sampled
	01/18/05	<50	<0.50	<0.50	<0.50	<0.50	<5.0	10.40	166.95	166.95	sample clear

TABLE 1
GROUNDWATER MONITORING DATA
Former Beacon Station No. 3699, Vacaville, California

Well Number	Date	TPHg (ppb)	benzene (ppb)	toluene (ppb)	ethylbenzene (ppb)	xylenes (ppb)	MTBE (ppb)	Depth to GW (feet)	TOC Elevation (feet msl)	GW Elevation (feet msl)	Comments
MW-7 screened interval 7-22'	01/26/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	9.84	100.07	90.23	no odor, no sheen
	05/05/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	9.57		90.5	no odor, no sheen
	07/22/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	11.34		88.73	no odor, no sheen
	11/11/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	12.88		87.19	no odor, no sheen
	12/14/98	ns	ns	ns	ns	ns	ns	nm	100.07		new survey
	01/27/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	11.64		88.43	no odor, no sheen
	05/21/99	na	<0.50	<0.50	<0.50	<0.50	<0.50	10.51		89.56	no odor, no sheen
	08/16/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	13.05		87.02	no odor, no sheen
	11/17/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	14.15		85.92	
	03/06/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	8.4		91.67	
	05/09/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	10.28		89.79	
	08/21/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	13.25		86.82	sample clear
	10/27/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	13.71		86.36	sample clear
	02/12/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	11.30		88.77	sample clear
	04/16/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	7.9		89.17	sample clear
	07/24/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	10.90			sample clear
	11/06/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	13.70		86.37	sample clear
	01/30/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	15.29		84.78	sample clear
	05/02/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	9.98		90.09	sample clear
	07/29/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	11.09		165.62	sample clear
	11/19/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	13.28		163.43	sample clear
	03/03/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	13.94		162.77	sample clear
	05/29/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	9.96		166.75	sample clear
	07/28/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	10.75		165.96	sample clear
	11/05/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.55		164.16	sample clear
	02/23/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	13.83		162.88	sample clear
	04/21/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	9.40		167.31	sample clear
	07/12/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	10.41		166.30	sample clear
	11/18/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.86		163.85	sample clear
	01/18/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.97		163.74	sample clear
								9.75		166.96	sample clear

TABLE 1
GROUNDWATER MONITORING DATA
Former Beacon Station No. 3699, Vacaville, California

Well Number	Date	TPHg (ppb)	benzene (ppb)	toluene (ppb)	ethylbenzene (ppb)	xylenes (ppb)	MTBE (ppb)	Depth to GW (feet)	TOC Elevation (feet msl)	GW Elevation (feet msl)	Comments
MW-8 screened interval 5-20'	01/26/98	<50	<0.50	<0.50	<0.50	<0.50	<0.50	110	8.01	97.5	89.49
	05/05/98	<50	<0.50	<0.50	<0.50	<0.50	<0.50	110	7.84	89.66	no odor, no sheen
	07/22/98	290	<0.50	<0.50	<0.50	<0.50	<0.50	120	9.55	87.95	no odor / no sheen
	11/11/98	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	10.92	86.58	no odor / no sheen
	01/27/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	9.73	87.77	no odor, no sheen
	05/21/99	na	<0.50	<0.50	<0.50	<0.50	<0.50	89	8.74	88.76	no odor, no sheen
	08/16/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	320	11.16	86.34	no odor, no sheen
	11/17/99	64	<0.50	<0.50	<0.50	<0.50	<0.50	240	12.12	85.38	no odor, no sheen
	03/06/00	84	<0.50	<0.50	<0.50	<0.50	<0.50	77	6.49	91.01	sample clear
	05/09/00	71	<0.50	<0.50	<0.50	<0.50	<0.50	83	8.57	88.93	sample clear
	08/21/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	120	11.32	86.18	sample clear
	10/27/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.0	11.87	85.63	sample clear
	02/12/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	34	9.20	88.30	sample clear
	04/16/01	81	<0.50	<0.50	<0.50	<0.50	<0.50	58	9.04	88.46	sample clear
	07/24/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	29	11.92	85.58	sample clear
	11/06/01	69	<0.50	<0.50	<0.50	<0.50	<0.50	31	13.21	84.29	sample clear
	01/30/02	69	<0.50	<0.50	<0.50	<0.50	<0.50	25	8.19	89.31	sample clear
	05/02/02	75	<0.50	<0.50	<0.50	<0.50	<0.50	22	9.28	164.82	sample clear
	07/29/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	14	11.52	162.58	sample clear
	11/19/02	72	<0.50	<0.50	<0.50	<0.50	<0.50	7.3	11.88	162.22	sample clear
	03/03/03	57	<0.50	<0.50	<0.50	<0.50	<0.50	5.4	8.23	165.87	sample clear
	05/29/03	60	<0.50	<0.50	<0.50	<0.50	<0.50	4.7	8.97	165.13	sample clear
	07/28/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	7.5	10.66	163.44	sample clear
	11/05/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	7.0	11.66	162.44	sample clear
	02/23/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.82	7.44	166.66	sample clear
	04/21/04	69	<0.50	<0.50	<0.50	<0.50	<0.50	2.4	8.72	165.38	sample clear
	07/12/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	10.96	163.14	sample clear
	11/18/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	10.98	163.12	sample clear
	01/18/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.64	7.91	166.19	sample clear

TABLE 1
GROUNDWATER MONITORING DATA
Former Beacon Station No. 3699, Vacaville, California

Well Number	Date	TPHg (ppb)	benzene (ppb)	toluene (ppb)	ethylbenzene (ppb)	xylenes (ppb)	MTBE (ppb)	Depth to GW (feet)	TOC Elevation (feet msl)	GW Elevation (feet msl)	Comments
MW-9 screened interval 5-25'	12/14/98	810	0.51	0.75	0.59	1.9	13	11.28	99.79	88.51	new survey
	01/27/99	58	<0.50	<0.50	<0.50	<0.50	<0.50	10.29		89.5	no odor, no sheen
	05/21/99	na	<0.50	<0.50	7.6	0.74	430	12.82		86.97	no odor, no sheen
	08/16/99	690	<0.50	<0.50	0.76	<0.50	670	13.87		85.92	no odor, no sheen
	11/17/99	450	<0.50	<0.50	<0.50	<0.50	340	8.05		91.74	
	03/06/00	<50	<0.50	<0.50	<0.50	<0.50	34				
	05/09/00	<50	<0.50	<0.50	<0.50	<0.50	56	10.17		89.62	
	08/21/00	130	<0.50	<0.50	<0.50	<0.50	110	13.04		86.75	
	10/27/00	<50	<0.50	<0.50	<0.50	<0.50	34	13.48		86.31	
	02/12/01	<50	<0.50	<0.50	<0.50	<0.50	23	11.15		88.64	
	04/16/01	<50	<0.50	<0.50	<0.50	<0.50	25	10.65		89.14	
	07/24/01	<50	<0.50	<0.50	<0.50	<0.50	31	13.68		86.11	
	11/06/01	<50	<0.50	<0.50	<0.50	<0.50	11	15.01		84.78	
	01/30/02	850	<0.50	<0.50	<0.50	<0.50	8.7	9.69		90.10	
	05/02/02	250	<0.50	<0.50	<0.50	<0.50	4.9	10.81		165.49	
	07/29/02	<50	<0.50	<0.50	<0.50	<0.50	16	13.15		163.15	
	11/19/02	<50	<0.50	<0.50	<0.50	<0.50	2.4	13.56		162.74	
	03/03/03	<50	<0.50	<0.50	<0.50	<0.50	2.0	9.70		166.60	
	05/29/03	<50	<0.50	<0.50	<0.50	<0.50	1.4	10.46		165.84	
	07/28/03	210	<0.50	<0.50	<0.50	<0.50	16	12.28		164.02	
	11/05/03	<50	<0.50	<0.50	<0.50	<0.50	9.3	13.55		162.75	
	02/23/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	8.89		167.41	
	04/21/04	250	<0.50	<0.50	<0.50	<0.50	5.7	10.24		166.06	
	07/12/04	150	<0.50	<0.50	<0.50	<0.50	5.5	12.56		163.74	
	11/18/04	72	<0.50	<0.50	<0.50	<0.50	12.62			163.68	
	01/18/05	<50	<0.50	<0.50	<0.50	<0.50	0.76	9.41		166.89	

TABLE 1
GROUNDWATER MONITORING DATA
Former Beacon Station No. 3699, Vacaville, California

Well Number	Date	TPHg (ppb)	benzene (ppb)	toluene (ppb)	ethylbenzene (ppb)	xylenes (ppb)	MTBE (ppb)	Depth to GW (feet)	TOC Elevation (feet msl)	GW Elevation (feet msl)	Comments
MW-10 screened interval 5-25'	12/14/98	350	3.4	0.88	<0.50	0.83	<5.0	10.54	99.12	88.58	new survey
	01/27/99	<50	<0.50	<0.50	<0.50	<0.50	7.9	9.45		89.67	no odor, no sheen
	05/21/99	na	<0.50	<0.50	<0.50	<0.50	15	14.61		84.51	no odor, no sheen
	08/16/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	14.61		86.08	no odor, no sheen
	11/17/99	<50	<0.50	<0.50	<0.50	<0.50	0.92	13.04		91.97	sample clear
	03/06/00	<50	<0.50	<0.50	<0.50	<0.50	8.3	7.15		89.82	sample clear
	05/09/00	<50	<0.50	<0.50	<0.50	<0.50	27	9.3		--	well destroyed
	08/21/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	12.24		86.88	sample clear
	10/27/00	<50	<0.50	<0.50	<0.50	<0.50	12.64			86.48	sample clear
	12/20/00	--	--	--	--	--	--	--		--	

Notes:

TPHg = total petroleum hydrocarbons as gasoline

MTBE = methyl tert-butyl ether

GW = groundwater

TOC = top of casing

msl = mean sea level

< = less than indicated reporting limit

ns = not sampled

nm = not measured

ATTACHMENT A

ULTRAMAR INC. FIELD PROCEDURES

ATTACHMENT A - ULTRAMAR FIELD PROCEDURES

The following section describes procedures used by field personnel in the performance of ground water sampling at Ultramar Inc. sites.

Ground Water Level and Total Depth Determination

A water level indicator is lowered down the well and a measurement of the depth to water from an established reference point on the casing is taken. The indicator probe is used to sound the bottom of the well and a measurement of the total depth of the well is taken. Both the water level and total depth measurements are taken to the nearest 0.01-foot.

Visual Analysis of Ground Water

Prior to purging and sampling ground water monitoring wells, a water sample is collected from each well for subjective analysis. The visual analysis involves gently lowering a clean, disposable, polyethylene bailer to approximately one-half the bailer length past the water table interface. The bailer is then retrieved, and the sample contained within the bailer is examined for floating product or the appearance of a petroleum product sheen. If measurable free product is noted in the bailer, a water/product interface probe is used to determine the thickness of the free product to the nearest 0.01-foot. The thickness of free product is determined by subtracting the depth to product from the depth to water.

Monitoring Well Purging and Sampling

Monitoring wells are purged by removing approximately four casing volumes of water from the well using a clean disposable bailer or electrical submersible purge pump. Purge volumes are calculated prior to purging. During purging, the temperature, pH, and electric conductivity of the purge water are monitored. The well is considered to be sufficiently purged when: The four casing volumes have been removed; the temperature, pH, and conductivity values have stabilized to within 10% of the initial readings; and the ground water being removed is relatively free of suspended solids. After purging, ground water levels are allowed to stabilize to within 80% of the initial water level reading. A water sample is then collected from each well with a clean, disposable polyethylene bailer. If the well is bailed or pumped dry prior to removing the minimum volume of water, the ground water is allowed to recharge. If the well has recharged to within 80% of the initial depth to water reading within two hours, the well will continue to be purged until the minimum volume of water has been removed. If the well has not recharged to at least 80% of the initial depth to water reading within two hours, the well is considered to contain formation water and a ground water sample is collected. Ground water removed from the well is stored in 55-gallon drums at the site and labeled pending disposal.

In wells where free product is detected, the wells will be bailed to remove the free product. An estimate of the volume of product and water will be recorded. If the free product thickness is reduced to the point where a measurable thickness is no longer present in the well, a ground water sample will be collected. If free product persists throughout the purging process, a final free product thickness measurement will be taken and a ground water sample will not be collected.

Ground water samples are stored in 40-milliliter vials so that air passage through the sample is minimized (to prevent volatilization of the sample). The vial is tilted and filled slowly until an upward convex meniscus forms over the mouth of the vial. The Teflon™ side of the septum (in cap) is then placed against the meniscus, and the cap is screwed on tightly. The sample is then inverted and the bottle is tapped lightly to check for air bubbles. If an air bubble is present in the vial, the cap is removed and more sample is transferred from the bailer. The vial is then resealed and rechecked for air bubbles. The sample is then appropriately labeled and stored on ice from the time of collection through the time of delivery to the laboratory. The Chain-of-Custody form is completed to ensure sample integrity. Ground water samples are transported to a state-certified laboratory and analyzed within the U.S. Environmental Protection Agency-specified hold times for the specified analytes.

ATTACHMENT B

**DOULOS SAMPLING
INFORMATION SHEETS**

DOULOS ENVIRONMENTAL, INC.
GROUNDWATER/LIQUID LEVEL DATA
(measurements in feet)

Project Address:

Beacon # 3699 921 Merchant 153 E. 11th St.

Recorded by:

Vacaville, Ca

Vacaville, Ca

Date: 1-18-05 No.: 3699-69

Notes:

DOULOS ENVIRONMENTAL, INC.

SAMPLING INFORMATION SHEET

Client: Ultramar
 Site: Beacon #3699
 921 Merchant
 Vacaville, Ca.

Sampling Date: 1-18-05

Project No.: _____

Well Designation: MW-3

Is setup of traffic control devices required?

NO
 NO

YES

time: _____ hours

Is there standing water in the well box?

NO
 YES

YES

Above TOC Below TOC

Is top of casing cut level?

NO
 YES

YES

If no, see remarks

Is well cap sealed and locked?

NO
 YES

YES

If no, see remarks

Height of well casing riser (in inches):

Well cover type: 8" or 12" UV

12" EMCO

8" or 12" BK

8" Christy

12" Christy 8" M&D

12" M&D

12" DWP

12" CNI 36" CNI

12" Pomeco

Other:

General condition of wellhead assembly:

Excellent

Good

Fair

Purging Equipment:

2" disposable bailer

Submersible pump

2" PVC bailer

Dedicated bailer

4" PVC bailer

Centrifugal pump

Sampled with: Disposable bailer

X Teflon bailer

Disposable Tubing

Well Diameter: 2" 4" 6" X 8" 2.61 gal/ft.
 Purge Vol. Multiplier: 0.16 0.65 1.47

Initial Measurement

Recharge Measurement

Time: 8:50

Time: 10:55

Calculated purge: 92.3

Depth of well: 25.35

Depth to water: 11.04

Actual purge: 92.3

Depth to water: 9.65

Start purge: 10:30

Sampling time: 10:56

Time	Temperature	E.C.	pH	Turbidity	Volume
10:36	69.1°	460	7.31		1
10:41	69.3	411	7.20		2
10:48	69.5	403	7.13		3
10:53	69.7	390	7.16		4

Sample appearance:

clear

Lock: Dolphin

Equipment replaced: (check all that apply)

2" Locking Cap:

Note condition of replaced item(s)
 Lock: 7/32 Allenhead

4" Locking Cap:

Lock-Dolphin: 9/16 Bolt

6" Locking Cap:

Pinned Allenhead (DWP):

Remarks:

Signature:

DOULOS ENVIRONMENTAL, INC.

SAMPLING INFORMATION SHEET

Client: Ultramar
 Site: Beacon #3699
 921 Merchant
 Vacaville, Ca.

Sampling Date: 1-18-05

Project No.: _____

Well Designation: MW - 4

Is setup of traffic control devices required?	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES	time: _____ hours
Is there standing water in the well box?	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES	Above TOC _____ Below TOC _____
Is top of casing cut level?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	If no, see remarks _____
Is well cap sealed and locked?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	If no, see remarks _____
Height of well casing riser (in inches):	5		
Well cover type: 8" or 12" UV	12" EMCO	8" or 12" BK	X
12" Christy	8" M&D	12" M&D	
12" CNI	36" CNT	12" Pomeco	Other: _____
General condition of wellhead assembly:	Excellent	Good	X Fair
			Poor _____

Purging Equipment:	2" disposable bailer	Submersible pump
	2" PVC bailer	Dedicated bailer
	4" PVC bailer	Centrifugal pump
Sampled with:	Disposable bailer X	Disposable Tubing
	Teflon bailer	

Well Diameter:	2"	X	4"		6"		8"	
Purge Vol. Multiplier:		0.16		0.65		1.47		
Initial Measurement	Recharge Measurement							
Time: 8:54	Time: 11:10							Calculated purge: 10.8
Depth of well: 25.30	Depth to water: 9.60							Actual purge: 10.8
Depth to water: 8.41								

Start purge: 11:03

Sampling time: 11:11

Time	Temperature	E.C.	pH	Turbidity	Volume
11:04	69.1	660	7.90		1
11:05	70.0	605	7.17		2
11:06	70.5	591	7.09		3
11:07	70.9	570	7.02		4

Sample appearance: clean

Lock: Dolphin

Equipment replaced: (check all that apply)

2" Locking Cap: _____

4" Locking Cap: _____

6" Locking Cap: _____

Note condition of replaced item(s)

Lock: 7/32 Allenhead

Lock-Dolphin: 9/16 Bolt

Pinned Allenhead (DWP): _____

Remarks: _____

Signature: _____

DOULOS ENVIRONMENTAL, INC.

SAMPLING INFORMATION SHEET

Client: Ultramar
 Site: Beacon #3699
 921 Merchant
 Vacaville, Ca.

Sampling Date: 1-18-05

Project No.: _____

Well Designation: MW - S

Is setup of traffic control devices required?	<input checked="" type="checkbox"/> NO	YES	time: _____ hours	
Is there standing water in the well box?	<input checked="" type="checkbox"/> NO	YES	Above TOC Below TOC	
Is top of casing cut level?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	If no, see remarks	
Is well cap sealed and locked?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	If no, see remarks	
Height of well casing riser (in inches):	5			
Well cover type: 8" or 12" UV	12" EMCO	8" or 12" BK	8" Christy	
12" Christy	12" M&D	12" DWP		
12" CNI 24	36" CNT	12" Pomeco	Other: _____	
General condition of wellhead assembly:	Excellent	Good <input checked="" type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
Purging Equipment:	2" disposable bailer		Submersible pump	
	2" PVC bailer		Dedicated bailer	
	4" PVC bailer		Centrifugal pump	
Sampled with:	Disposable bailer <input checked="" type="checkbox"/>	Teflon bailer <input type="checkbox"/>	Disposable Tubing <input type="checkbox"/>	

Well Diameter: 2"	4"	6"	8"	
Purge Vol. Multiplier: 0.16	0.65	1.47		2.61 gal/ft.
Initial Measurement				
Time: 8:39	Recharge Measurement			
Depth of well: 24.23	Time: 9:53	Calculated purge: 79.3		
Depth to water: 10.74	Depth to water: 12.50	Actual purge: 80.0		

Start purge: 9:30 Sampling time: 9:55

Time	Temperature	E.C.	pH	Turbidity	Volume
9:36	70.1	610	7.40		1
9:40	69.2	602	7.13		2
9:45	68.0	596	7.10		3
9:50	68.5	590	7.08		4

Sample appearance: clear Lock: Dolphin

Equipment replaced: (check all that apply)	Note condition of replaced item(s)
2" Locking Cap: _____	Lock: 7/32 Allenhead; _____
4" Locking Cap: _____	Lock-Dolphin: 9/16 Bolt: _____
6" Locking Cap: _____	Pinned Allenhead (DWP): _____

Remarks: _____

Signature: _____

DOULOS ENVIRONMENTAL, INC.

SAMPLING INFORMATION SHEET

Client: Ultramar
 Site: Beacon #3699
 921 Merchant
 Vacaville, Ca.

Sampling Date: 1-18-05

Project No.: _____

Well Designation: MW-6

Is setup of traffic control devices required? NO YES
 Is there standing water in the well box? NO YES
 Is top of casing cut level? NO YES
 Is well cap sealed and locked? NO YES
 Height of well casing riser (in inches): 4
 Well cover type: 8" or 12" UV 12" EMCO 8" or 12" BK
 12" Christy 8" M&D 12" M&D 12" DWP
 12" CNI 36" CNI 12" Pomeco
 General condition of wellhead assembly: Excellent Good Fair Poor

time: hours
 Above TOC Below TOC
 If no, see remarks
 If no, see remarks

Purging Equipment: 2" disposable bailer Submersible pump
 2" PVC bailer Dedicated bailer
 4" PVC bailer Centrifugal pump
 Sampled with: Disposable bailer Teflon bailer Disposable Tubing

Well Diameter: 2" 4" 6" 8"
 Purge Vol. Multiplier: 0.16 0.65 1.47 2.61 gal./ft.
Initial Measurement
 Time: 8:59 Recharge Measurement
 Depth of well: 22.07 Time: 11:40 Calculated purge: 7.5
 Depth to water: 10.40 Depth to water: 11.75 Actual purge: 7.5

Start purge: 11:30 Sampling time: 11:42

Time	Temperature	B.C.	pH	Turbidity	Volume
11:31	65.1	405	7.23		1
11:32	66.0	370	7.16		2
11:33	66.7	351	7.12		3
11:34	66.8	340	7.10		4

Sample appearance: Clear Lock: Dolphin

Equipment replaced: (check all that apply)
 2" Locking Cap: Lock: Note condition of replaced item(s)
 4" Locking Cap: Lock-Dolphin: 7/32 Allenhead:
 6" Locking Cap: Pinned Allenhead (DWP): 9/16 Bolt:

Remarks: _____

Signature: _____

DOULOS ENVIRONMENTAL, INC.

SAMPLING INFORMATION SHEET

Client: Ultramar
 Site: Beacon #3699
 921 Merchant
 Vacaville, Ca.

Sampling Date: 1-18-05

Project No.: _____

Well Designation: MW - 7

Is setup of traffic control devices required?

NO YES

time: _____ hours

Is there standing water in the well box?

NO YES

Above TOC Below TOC

Is top of casing cut level?

NO YES

If no, see remarks

Is well cap sealed and locked?

NO YES

If no, see remarks

Height of well casing riser (in inches):

5

Well cover type: 8" or 12" UV

12" EMCO

8" or 12" BK

8" Christy

12" Christy

8" M&D

12" M&D

12" DWP

8" Christy

12" CNI

36" CNI

12" Pomeco

Other:

Poor

General condition of wellhead assembly:

Excellent

Good

Fair

Purging Equipment:

2" disposable bailer

Submersible pump

2" PVC bailer

Dedicated bailer

4" PVC bailer

Centrifugal pump

Sampled with: Disposable bailer

Teflon bailer

Disposable Tubing

Well Diameter: 2"

4"

6"

8"

2.61 gal/ft.

Purge Vol. Multiplier:

0.16

0.65

1.47

Initial Measurement

Recharge Measurement

Time: 8:30

Time: 9:10

Calculated purge: 11.4

Depth of well: 27.70

Depth to water: 11.43

Actual purge: 11.4

Depth to water: 9.75

Start purge: 9:00

Sampling time: 9:11

Time	Temperature	E.C.	pH	Turbidity	Volume
9:01	66.3	406	7.16		1
9:02	66.7	395	7.11		2
9:03	66.9	391	7.07		3
9:04	66.8	360	7.09		4

Sample appearance:

Clear

Lock: Dolphin

Equipment replaced: (check all that apply)

Note condition of replaced item(s)

2" Locking Cap:

Lock: 7/32 Allenhead

4" Locking Cap:

Lock-Dolphin: 9/16 Bolt

6" Locking Cap:

Pinned Allenhead (DWP):

Remarks:

Signature:

DOULOS ENVIRONMENTAL, INC.

SAMPLING INFORMATION SHEET

Client: Ultramar
 Site: Beacon #3699
 921 Merchant
 Vacaville, Ca.

Sampling Date: 1-18-05

Project No.:

Well Designation: MU - 8

Is setup of traffic control devices required? NO YES
 Is there standing water in the well box? NO YES
 Is top of casing cut level? NO YES
 Is well cap sealed and locked? NO YES
 Height of well casing riser (in inches): 8
 Well cover type: 8" or 12" UV 12" EMCO 8" or 12" BK 8" Christy
 12" Christy 8" M&D 12" M&D 12" DWP
 12" CNI 36" CNI 12" Pomeco Other: _____
 General condition of wellhead assembly: Excellent Good Fair Poor _____

time: hours

Above TOC Below TOC

If no, see remarks

If no, see remarks

Purging Equipment: 2" disposable bailer Submersible pump
 2" PVC bailer Dedicated bailer
 4" PVC bailer Centrifugal pump
 Sampled with: Disposable bailer Teflon bailer Disposable Tubing

Well Diameter: 2" 4" 6" 8"
 Purge Vol. Multiplier: 0.16 0.65 1.47 2.61 gal/ft.

Initial Measurement

Time: 8:33

Recharge Measurement

Depth of well: 19.70

Time: 9:21

Calculated purge: 7.5

Depth to water: 7.91

Depth to water: 8.71

Actual purge: 7.5

Start purge: 9:15

Sampling time: 9:23

Time	Temperature	E.C.	pH	Turbidity	Volume
9:16	66.0	560	7.36		1
9:17	66.3	506	7.31		2
9:18	66.7	490	7.25		3
9:19	66.9	460	7.20		4

Sample appearance:

clear

Lock: Dolphin

Equipment replaced: (check all that apply)

Note condition of replaced item(s)

2" Locking Cap: _____

Lock: 7/32 Allenhead: _____

4" Locking Cap: _____

Lock-Dolphin: 9/16 Bolt: _____

6" Locking Cap: _____

Pinned Allenhead (DWP): _____

Remarks: _____

Signature: _____

DOULOS ENVIRONMENTAL, INC.

SAMPLING INFORMATION SHEET

Client: Ultramar
 Site: Beacon #3699
 921 Merchant
 Vacaville, Ca.

Sampling Date: 1-18-05

Project No.: _____

Well Designation: MW - 9

Is setup of traffic control devices required?	<input checked="" type="checkbox"/> NO	YES	time: _____ hours
Is there standing water in the well box?	<input checked="" type="checkbox"/> NO	YES	Above TOC _____ Below TOC _____
Is top of casing cut level?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	If no, see remarks _____
Is well cap sealed and locked?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	If no, see remarks _____
Height of well casing riser (in inches):	6		
Well cover type: 8" or 12" UV	12" EMCO	8" or 12" BK	8" Christy
12" Christy	12" M&D	12" DWP	
12" CNI <input checked="" type="checkbox"/>	36" CNT	Other: _____	
General condition of wellhead assembly:	12" Pomeco Excellent	Good <input checked="" type="checkbox"/>	Fair _____ Poor _____

Purging Equipment:	2" disposable bailer	Submersible pump
	2" PVC bailer	Dedicated bailer
	4" PVC bailer	Centrifugal pump
Sampled with:	Disposable bailer <input checked="" type="checkbox"/>	Disposable Tubing
	Teflon bailer <input type="checkbox"/>	

Well Diameter: 2"	4" <input checked="" type="checkbox"/>	6" <input type="checkbox"/>	8" <input type="checkbox"/>	2.61 gal/fl.
Purge Vol. Multiplier:	0.16	0.65	1.47	
Initial Measurement	Recharge Measurement			
Time: 8:41	Time: 10:19			Calculated purge: 40.0
Depth of well: 24.81	Depth to water: 11.70			Actual purge: 40.0
Depth to water: 9.41				

Start purge: 10:01 Sampling time: 10:20

Time	Temperature	E.C.	pH	Turbidity	Volume
10:03	67.0	480	7.23		1
10:06	67.5	405	7.14		2
10:08	67.9	376	7.12		3
10:11	68.1	370	7.09		4

Sample appearance: Clean Lock: Dolphin

Equipment replaced: (check all that apply)

2" Locking Cap: _____

4" Locking Cap: _____

6" Locking Cap: _____

Note condition of replaced item(s)

Lock: 7/32 Allenhead

Lock-Dolphin: _____

9/16 Bolt: _____

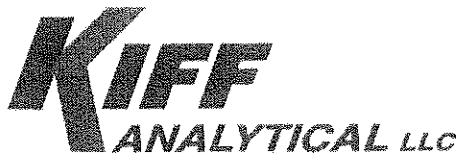
Pinned Allenhead (DWP): _____

Remarks: _____

Signature: _____

ATTACHMENT C

ANALYTICAL REPORT



Report Number : 42045

Date : 1/27/2005

Rex Smith
Horizon Environmental
4970 Windplay Drive, Suite 5
El Dorado Hills, CA 95762

Subject : 7 Water Samples
Project Name : Beacon
Project Number : 3699 Vacaville
P.O. Number : 3699-77

Dear Mr. Smith,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff".

Joel Kiff



Report Number : 42045

Date : 1/27/2005

Project Name : Beacon

Project Number : 3699 Vacaville

Sample : MW-3

Matrix : Water

Lab Number : 42045-01

Sample Date : 1/18/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Methyl-t-butyl ether (MTBE)	0.63	0.50	ug/L	EPA 8260B	1/22/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	1/22/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/22/2005
Toluene - d8 (Surr)	96.0		% Recovery	EPA 8260B	1/22/2005
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	1/22/2005

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800



Report Number : 42045

Date : 1/27/2005

Project Name : **Beacon**Project Number : **3699 Vacaville**Sample : **MW-4**

Matrix : Water

Lab Number : 42045-02

Sample Date : 1/18/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	1/22/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/22/2005
Toluene - d8 (Surr)	95.1		% Recovery	EPA 8260B	1/22/2005
4-Bromofluorobenzene (Surr)	106		% Recovery	EPA 8260B	1/22/2005

Approved By: 
Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800



Report Number : 42045

Date : 1/27/2005

Project Name : Beacon

Project Number : 3699 Vacaville

Sample : MW-5

Matrix : Water

Lab Number : 42045-03

Sample Date : 1/18/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Methyl-t-butyl ether (MTBE)	0.64	0.50	ug/L	EPA 8260B	1/22/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	1/22/2005
TPH as Gasoline	290	50	ug/L	EPA 8260B	1/22/2005
Toluene - d8 (Surr)	95.8		% Recovery	EPA 8260B	1/22/2005
4-Bromofluorobenzene (Surr)	105		% Recovery	EPA 8260B	1/22/2005

Approved By: Joel Kiff



Report Number : 42045

Date : 1/27/2005

Project Name : Beacon

Project Number : 3699 Vacaville

Sample : MW-6

Matrix : Water

Lab Number : 42045-04

Sample Date : 1/18/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	1/22/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/22/2005
Toluene - d8 (Surr)	95.8		% Recovery	EPA 8260B	1/22/2005
4-Bromofluorobenzene (Surr)	106		% Recovery	EPA 8260B	1/22/2005

Approved By: Joel Kiff



Report Number : 42045

Date : 1/27/2005

Project Name : Beacon

Project Number : 3699 Vacaville

Sample : MW-7

Matrix : Water

Lab Number : 42045-05

Sample Date : 1/18/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	1/22/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/22/2005
Toluene - d8 (Surr)	99.3		% Recovery	EPA 8260B	1/22/2005
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	1/22/2005

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800



Report Number : 42045

Date : 1/27/2005

Project Name : **Beacon**Project Number : **3699 Vacaville**Sample : **MW-8**

Matrix : Water

Lab Number : 42045-06

Sample Date : 1/18/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Methyl-t-butyl ether (MTBE)	0.64	0.50	ug/L	EPA 8260B	1/22/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	1/22/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/22/2005
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	1/22/2005
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	1/22/2005

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800



Report Number : 42045

Date : 1/27/2005

Project Name : Beacon

Project Number : 3699 Vacaville

Sample : MW-9

Matrix : Water

Lab Number : 42045-07

Sample Date : 1/18/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Methyl-t-butyl ether (MTBE)	0.76	0.50	ug/L	EPA 8260B	1/22/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	1/22/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/22/2005
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	1/22/2005
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	1/22/2005

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

QC Report : Method Blank Data

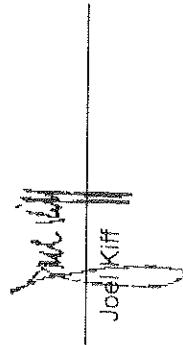
Project Name : Beacon

Project Number : 3699 Vacaville

Report Number : 42045

Date : 1/27/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed	Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005						
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005						
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005						
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005						
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005						
Diisopropyl ether (DPE)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005						
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005						
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005						
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	1/22/2005						
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/22/2005						
Toluene - d8 (Surf)	96.7	%		EPA 8260B	1/22/2005						
4-Bromofluorobenzene (Surf)	106	%		EPA 8260B	1/22/2005						
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005						
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005						
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005						
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005						
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005						
Diisopropyl ether (DPE)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005						
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005						
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	1/22/2005						
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	1/22/2005						
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/22/2005						
Toluene - d8 (Surf)	100	%		EPA 8260B	1/22/2005						
4-Bromofluorobenzene (Surf)	103	%		EPA 8260B	1/22/2005						



KIFF ANALYTICAL, LLC

2795 2nd St. Suite 300 Davis CA 95616 530-297-4800

Approved By: Joel Kiff

QC Report : Matrix Spike/ Matrix Spike Duplicate

Report Number : 42045

Date : 1/27/2005

Project Name : Beacon

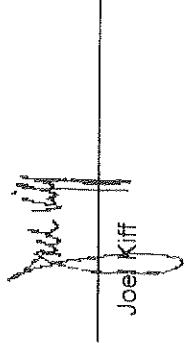
Project Number : 3699 Vacaville

Parameter	Spiked Sample	Sample Value	Spike Level	Spiked Sample Value	Duplicate Spiked Sample Value	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Spiked Sample Percent Recov.	Relative Percent Diff.	Relative Percent Diff.	
Benzene	42015-04	<0.50	40.0	40.0	39.4	ug/L	EPA 8260B	1/22/05	99.9	98.6	1.34	70-130 25	
Toluene	42015-04	<0.50	40.0	40.0	38.2	ug/L	EPA 8260B	1/22/05	95.4	95.3	0.0998	70-130 25	
Tert-Butanol	42015-04	<5.0	200	200	195	ug/L	EPA 8260B	1/22/05	97.6	97.1	0.502	70-130 25	
Methyl-t-Butyl Ether	42015-04	0.74	40.0	40.0	43.5	ug/L	EPA 8260B	1/22/05	107	107	0.0755	70-130 25	
Benzene	42052-02	<0.50	40.0	40.0	38.4	37.9	ug/L	EPA 8260B	1/22/05	96.1	94.9	1.25	70-130 25
Toluene	42052-02	<0.50	40.0	40.0	38.2	37.8	ug/L	EPA 8260B	1/22/05	95.4	94.5	0.975	70-130 25
Tert-Butanol	42052-02	<5.0	200	200	206	200	ug/L	EPA 8260B	1/22/05	103	100	3.16	70-130 25
Methyl-t-Butyl Ether	42052-02	<0.50	40.0	40.0	35.2	34.8	ug/L	EPA 8260B	1/22/05	87.9	87.0	1.02	70-130 25

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By: Joe Kiff



QC Report : Laboratory Control Sample (LCS)

Report Number: 42045
Date: 1/27/2005Project Name: Beacon
Project Number: 3699 Vacaville

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	1/22/05	93.6	70-130
Toluene	40.0	ug/L	EPA 8260B	1/22/05	94.4	70-130
Tert-Butanol	200	ug/L	EPA 8260B	1/22/05	98.0	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	1/22/05	102	70-130
Benzene	40.0	ug/L	EPA 8260B	1/22/05	91.9	70-130
Toluene	40.0	ug/L	EPA 8260B	1/22/05	95.3	70-130
Tert-Butanol	200	ug/L	EPA 8260B	1/22/05	101	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	1/22/05	84.8	70-130

Approved By:

KIFF ANALYTICAL, LLC

2705 2nd St Suite 200 Davis CA 95616 530-757-4800

Joe Kiff



2795 2nd Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800

ATTACHMENT D

HISTORICAL GROUNDWATER MONITORING DATA

TABLE 1
GROUND WATER ELEVATION DATA
BEACON STATION #699
921 MERCHANT AVENUE, VACAVILLE, CALIFORNIA
(Measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing) ¹	Depth to Ground Water ¹	Ground Water Elevation ²	Well Depth	Comments
MW-1	01/13/92	99.77	14.69	85.08		
	04/06/92		11.64	88.13		
	07/27/92		14.77	85.00		
	02/01/93		8.98	90.79		
	03/24/93		8.88	90.89	24.20	
	06/08/93		9.01	90.76	24.20	
	09/14/93		12.87	86.90	24.16	
	12/09/93		13.42	86.35	24.16	
	03/07/94		11.77	88.00	24.85	
	06/09/94		12.83	86.94	24.85	
	09/06/94		15.17	84.60	24.85	
	12/13/94		12.97	86.80	24.73	
	02/27/95		9.46	90.31	25.09	
	06/07/95		10.27	89.50	24.73	
	09/11/95		13.34	86.43	24.72	
	12/26/95		11.35	88.42	24.72	
	03/19/96		7.91	91.86	24.73	
	06/10/96	99.87	10.36	89.51	24.21	
	09/17/96		22.15	77.72	24.26	
	12/11/96		22.19	77.68	24.27	
	03/12/97		9.66	90.21	24.27	
	05/23/97		22.20	77.67	24.26	
	08/18/97		20.67	79.20	24.27	
	11/06/97		13.71	86.16	24.28	
MW-2	01/13/92	98.66	13.40	85.26		
	04/06/92		10.23	88.43		
	07/27/92		13.44	85.22		
	02/01/93		7.51	91.15		
	03/24/93		7.43	91.23	21.70	
	06/08/93		7.57	91.09	21.67	
	09/14/93		11.43	87.23	21.66	
	12/09/93		11.98	86.68	21.66	
	03/07/94		10.39	88.27	22.83	
	06/09/94		11.46	87.20	22.83	
	09/06/94		13.83	84.83	22.83	
	12/13/94		11.64	87.02	22.71	
	02/27/95		7.99	90.67	24.83	
	06/07/95		8.83	89.83	22.72	
	09/11/95		11.98	86.68	22.76	
	12/26/95		9.94	88.72	22.75	
	03/19/96		6.42	92.24	22.75	
	06/10/96	98.66	8.79	89.87	24.35	
	09/17/96		12.17	86.79	24.39	
	12/11/96		9.60	89.06	24.36	
	03/12/97		8.01	90.65	24.82	
	05/23/97		9.73	88.93	24.83	
	08/18/97		12.24	86.42	24.81	
	11/06/97		13.04	85.62	24.80	

NOTES: ¹ = Measurement and reference elevation taken from notch/mark on top north side of well casing.
² = Elevation referenced to arbitrary point on site, assumed elevation 100.00 feet.
 Well Depth = Measurement from top of casing to bottom of well.

TABLE I
GROUND WATER ELEVATION DATA
BEACON STATION #699
921 MERCHANT AVENUE, VACAVILLE, CALIFORNIA
(Measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing) ¹	Depth to Ground Water ¹	Ground Water Elevation ²	Well Depth	Comments
MW-3	01/13/92	100.59	15.52	85.07		
	04/06/92		12.45	88.14		
	07/27/92		15.58	85.01		
	02/01/93		9.92	90.67		
	03/24/93		9.97	90.62	23.11	Heavy Sheen
	06/08/93		10.26	90.33	23.09	
	09/14/93		13.78	86.81	23.10	
	12/09/93		14.66	85.93	23.10	
	03/07/94		12.57	88.02	23.15	
	06/09/94		13.61	86.98	23.17	
	09/06/94		15.94	84.65	23.17	
	12/13/94		13.78	86.81	23.09	
	02/27/95		10.23	90.36	25.01	
	06/07/95		11.05	89.54	23.10	
	09/11/95		14.11	86.48	23.15	
	12/26/95		12.14	88.45	23.13	
	03/19/96		8.69	91.90	23.12	
	06/10/96	100.05	10.51	89.54	24.34	
	09/17/96		17.53	82.52	24.33	
	12/11/96		22.00	78.05	24.36	
	03/12/97		14.22	85.83	24.36	
	05/23/97		11.70	88.35	24.36	
	08/18/97		18.10	81.95	24.36	
	11/06/97		14.51	85.54	24.36	
MW-4	01/13/92	99.30	13.98	85.32		
	04/06/92		10.83	88.47		
	07/27/92		14.05	85.25		
	02/01/93		8.10	91.20		
	03/24/93		7.99	91.31	25.19	
	06/08/93		8.21	91.09	25.20	
	09/14/93		13.08	86.22	25.20	
	12/09/93		13.11	80.19	25.20	
	03/07/94		10.97	82.33	25.26	
	06/09/94		12.02	81.28	25.28	
	09/06/94		14.44	78.86	25.19	
	12/13/94		12.25	81.05	25.07	
	02/27/95		8.57	90.73	25.21	
	06/07/95		9.39	89.91	25.10	
	09/11/95		12.57	86.73	25.13	
	12/26/95		10.54	88.76	25.13	
	03/19/96		6.98	92.32	25.14	
	06/10/96	99.29	9.36	89.93	25.16	
	09/17/96		12.75	86.54	25.16	
	12/11/96		10.18	89.11	25.14	
	03/12/97		8.57	90.72	25.20	
	05/23/97		10.30	88.99	25.21	
	08/18/97		12.81	86.48	25.20	
	11/06/97		13.62	85.67	25.20	

NOTES: ¹ = Measurement and reference elevation taken from notch/mark on top north side of well casing.
 ² = Elevation referenced to arbitrary point on site, assumed elevation 100.00 feet.
 Well Depth = Measurement from top of casing to bottom of well.

TABLE 1
GROUND WATER ELEVATION DATA
BEACON STATION #699
921 MERCHANT AVENUE, VACAVILLE, CALIFORNIA
(Measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing) ¹	Depth to Ground Water ¹	Ground Water Elevation ²	Well Depth	Comments
MW-5	01/13/92	101.03	16.11	84.92		
	04/06/92		13.04	87.99		
	07/27/92		16.19	84.84		
	02/01/93		10.46	90.57		
	03/24/93		10.35	90.68	22.22	Heavy Sheen
	06/08/93		11.17	89.86	22.20	
	09/14/93		14.88	86.15	22.22	
	12/09/93		15.25	85.78	22.22	
	03/07/94		13.23	87.80	22.24	
	06/09/94		14.27	86.76	22.77	
	09/06/94		16.58	84.45	22.77	
	12/13/94		14.40	86.63	22.70	
	02/27/95		10.93	90.10	24.04	
	06/07/95		11.74	89.29	22.71	
	09/11/95		14.78	86.25	22.71	
	12/26/95		12.81	88.22	22.72	
	03/19/96		9.45	91.58	22.70	
	06/10/96		11.58	89.00	24.21	
	09/17/96		22.53	78.05	24.21	
	12/11/96		17.16	83.42	24.20	
	03/12/97		23.00	77.58	24.20	
	05/23/97		21.78	78.80	24.20	
	08/18/97		20.93	79.65	24.20	
	11/06/97		14.98	85.60	24.23	
MW-6	02/01/93	100.68	9.92	90.76		
	03/24/93		9.92	90.76	21.39	Very Silty
	06/08/93		10.11	90.57	21.37	
	09/14/93		13.98	86.70	21.34	
	12/09/93		14.81	85.87	21.34	
	03/07/94		12.75	87.93	21.14	
	06/09/94		13.81	86.87	21.15	
	09/06/94		16.15	84.53	21.13	
	12/13/94		13.93	86.75	21.02	
	02/27/95		10.49	90.19	22.03	
	06/07/95		11.31	89.37	21.02	
	09/11/95		14.37	86.31	21.03	
	12/26/95		12.34	88.34	21.05	
	03/19/96		9.02	91.66	21.07	
	06/10/96		11.31	89.37	21.10	
	09/17/96		14.55	86.13	21.10	
	12/11/96		11.92	88.76	21.13	
	03/12/97		10.54	90.14	22.03	
	05/23/97		12.19	88.49	22.05	
	08/18/97		14.60	86.08	22.04	
	11/06/97		14.35	86.33	22.07	

NOTES: ¹ Measurement and reference elevation taken from notch/mark on top north side of well casing.
 ² Elevation referenced to arbitrary point on site, assumed elevation 100.00 feet.
 Well Depth ³ Measurement from top of casing to bottom of well.

TABLE 1
GROUND WATER ELEVATION DATA
BEACON STATION #699
921 MERCHANT AVENUE, VACAVILLE, CALIFORNIA
(Measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing) ¹	Depth to Ground Water ¹	Ground Water Elevation ²	Well Depth	Comments
MW-7	02/01/93	100.07	9.25	90.82		Very Silty
	03/24/93		9.19	90.88	21.33	
	06/08/93		9.89	90.18	21.31	
	09/14/93		13.76	86.31	21.33	
	12/09/93		14.23	85.84	21.33	
	03/07/94		12.13	87.94	21.32	
	06/09/94		13.16	86.91	21.34	
	09/06/94		15.52	84.55	21.35	
	12/13/94		13.36	86.71	21.26	
	02/27/95		9.79	90.28	21.76	
	06/07/95		10.59	89.48	21.28	
	09/11/95		13.68	86.39	21.26	
	12/26/95		11.72	88.35	21.24	
	03/19/96		8.25	91.82	21.23	
	06/10/96		10.59	89.48	21.22	
	09/17/96		13.95	86.12	21.28	
	12/11/96		11.36	88.71	21.26	
	03/12/97		9.86	90.21	21.77	
	05/23/97		11.51	88.56	21.72	
	08/18/97		13.97	86.10	21.72	
	11/06/97		14.45	85.62	21.71	
MW-8	02/01/93	97.50	7.47	90.03		Very Silty
	03/24/93		7.42	90.08	19.77	
	06/08/93		7.59	89.91	19.76	
	09/14/93		12.46	85.04	19.74	
	12/09/93		12.13	85.37	19.74	
	03/07/94		10.20	87.30	19.81	
	06/09/94		11.22	86.28	19.82	
	09/06/94		13.46	84.04	19.82	
	12/13/94		11.27	86.23	19.70	
	02/27/95		8.01	89.49	19.77	
	06/07/95		8.81	88.69	22.68	
	09/11/95		11.73	85.77	22.67	
	12/26/95		9.78	87.72	22.67	
	03/19/96		6.61	90.89	22.68	
	06/10/96		8.82	88.68	22.69	
	09/17/96		11.94	85.56	22.70	
	12/11/96		9.36	88.14	22.71	
	03/12/97		8.02	89.48	19.77	
	05/23/97		9.62	87.88	19.73	
	08/18/97		11.99	85.51	19.73	
	11/06/97		12.71	84.79	19.74	

NOTES: ¹ = Measurement and reference elevation taken from notch/mark on top north side of well casing.
 ² = Elevation referenced to arbitrary point on site, assumed elevation 100.00 feet.
 Well Depth = Measurement from top of casing to bottom of well.

TABLE 2
GROUND WATER ANALYTICAL RESULTS
BEACON STATION #699
921 MERCHANT AVENUE, VACAVILLE, CALIFORNIA
(All results in micrograms per Liter)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons	Aromatic Volatile Organics				
			Gasoline	MTBE ¹	Benzene	Toluene	Ethylbenzene
MW-1	01/13/92	1,700		13	<0.50	31	12
	04/06/92	2,500					
	07/27/92	170					
	02/01/93	NS					
	03/26/93	360					
	06/08/93	740					
	09/14/93	190					
	12/09/93	440					
	03/07/94	560					
	06/09/94	460					
	09/06/94	200					
	12/13/94	260					
	02/27/95	2,800					
	06/07/95	320					
	09/11/95	260					
	12/26/95	310					
	03/19/96	2,300					
	06/10/96	2,500					
	09/17/96	<50					
	12/11/96	680					
	03/12/97	420					
	05/23/97	<50					
	08/18/97	230					
	11/06/97	<50					
MW-2	01/13/92	3,600		68	5.1	8.5	9
	04/06/92	4,700					
	07/27/92	180					
	02/01/93	NS					
	03/26/93	160					
	06/08/93	620					
	09/14/93	140					
	12/09/93	360					
	03/07/94	550					
	06/09/94	150					
	09/06/94	120					
	12/13/94	400					
	02/27/95	710					
	06/07/95	280					
	09/11/95	130					
	12/26/95	250					
	03/19/96	190					
	06/10/96	130*					
	09/17/96	<50					
	12/11/96	65					
	03/12/97	76					
	05/23/97	52					
	08/18/97	<50					
	11/06/97	<50					

NOTES:

MTBE¹ = Methyl-Tertiary-Butyl Ether.
 < = Below indicated detection limit.
 NS = Not sampled.
 * = Product is not typical gasoline.

TABLE 2
GROUND WATER ANALYTICAL RESULTS
BEACON STATION #699
921 MERCHANT AVENUE, VACAVILLE, CALIFORNIA
(All results in micrograms per Liter)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons	Aromatic Volatile Organics				
			Gasoline	MTBE ¹	Benzene	Toluene	Ethylbenzene
MW-3	01/13/92	4,900		510	14	64	130
	04/06/92	2,900		100	24	75	74
	07/27/92	3,600		120	3.2	74	58
	02/01/93	NS		NS	NS	NS	NS
	03/26/93	2,300		320	<5.0	<5.0	37
	06/08/93	1,600		82	2.4	140	6.1
	09/14/93	1,400		150	<5.0	200	56
	12/09/93	450		29	1.2	24	2.3
	03/07/94	1,700		70	1.2	140	27
	06/09/94	1,100		35	0.71	47	15
	09/06/94	55		1.2	<0.5	2.6	0.64
	12/13/94	950		75	1.9	51	24
	02/27/95	2,500		53	<2.5	170	46
	06/07/95	3,000		24	<2.5	80	16
	09/11/95	1,500		13	<2.5	20	5.4
	12/26/95	1,100		7.3	<2.5	20	5.6
	03/19/96	2,400		23	3.2	72	36
	06/10/96	490		0.56	<0.50	6.7	7.2
	09/17/96	<50	31	<0.50	<0.50	<0.50	<0.50
	12/11/96	140	25	<0.50	<0.50	<0.50	0.55
	03/12/97	860	140	4.1	<0.50	9.2	42
	05/23/97	82	7.6	<0.50	<0.50	<0.50	1.1
	08/18/97	74	<5.0	<0.50	0.75	<0.50	<0.50
	11/06/97	<50	48	<0.50	<0.50	<0.50	<0.50
MW-4	01/13/92	160		<0.5	<0.5	<0.5	<0.5
	04/06/92	<50		<0.5	<0.5	<0.5	<0.5
	07/27/92	<50		<0.5	<0.5	<0.5	<0.5
	02/01/93	NS		NS	NS	NS	NS
	03/26/93	<50		<0.5	<0.5	<0.5	<0.5
	06/08/93	<50		0.91	0.8	1.3	1.7
	09/14/93	<50		<0.5	<0.5	<0.5	<0.5
	12/09/93	<50		<0.5	<0.5	<0.5	0.92
	03/07/94	<50		<0.5	<0.5	<0.5	<0.5
	06/09/94	<50		<0.5	<0.5	<0.5	<0.5
	09/06/94	<50		<0.5	<0.5	<0.5	<0.5
	12/13/94	<50		<0.5	<0.5	<0.5	<0.5
	02/27/95	<50		<0.5	<0.5	<0.5	<0.5
	06/07/95	<50		<0.5	<0.5	<0.5	<0.5
	09/11/95	<50		<0.50	<0.50	<0.50	<0.50
	12/26/95	<50		<0.50	<0.50	<0.50	<0.50
	03/19/96	<50		<0.50	<0.50	<0.50	<0.50
	06/10/96	<50		<0.50	<0.50	<0.50	<0.50
	09/17/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	12/11/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	03/12/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	05/23/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	08/18/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	11/06/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50

NOTES:

MTBE¹ = Methyl-Tertary-Butyl Ether
 < = Below indicated detection limit.
 NS = Not sampled.
 * = Product is not typical gasoline.

TABLE 2
GROUND WATER ANALYTICAL RESULTS
BEACON STATION #699
921 MERCHANT AVENUE, VACAVILLE, CALIFORNIA
(All results in micrograms per Liter)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons	Aromatic Volatile Organics					
			Gasoline	MTBE ¹	Benzene	Toluene	Ethylbenzene	
MW-5	01/13/92	21,000			1,900	110	40	590
	04/06/92	35,000			5,000	1,700	1,000	3,100
	07/27/92	39,000			5,400	53	490	770
	02/01/93	NS			NS	NS	NS	NS
	03/26/93	28,000			7,800	220	440	2,600
	06/08/93	18,000			5,400	140	760	1,400
	09/14/93	8,100			4,100	<50	700	370
	12/09/93	7,100			2,000	59	340	470
	03/07/94	4,500			1,500	27	240	330
	06/09/94	4,900			1,300	8.9	230	170
	09/06/94	3,200			1,500	<5.0	170	14
	12/13/94	4,400			1,400	<5.0	220	170
	02/27/95	5,500			2,500	<13	250	250
	06/07/95	4,400			1,500	<13	98	170
	09/11/95	4,200			1,500	<13	58	36
	12/26/95	4,800			1,600	<13	250	310
	03/19/96	3,000			1,000	<13	110	56
	06/10/96	1,900			370	<2.5	55	37
	09/17/96	1,100	210		200	<2.5	65	100
	12/11/96	1,000			200	46	<1.3	70
MW-6	03/12/97	3,600			570	85	<1.3	140
	05/23/97	540			260	17	0.61	10
	08/18/97	620			240	28	1.5	19
	11/06/97	480			63	5.4	<0.50	36
	02/01/93	510			<0.50	<0.50	2.7	0.73
	03/26/93	<50			<0.50	<0.50	<0.50	<0.50
	06/08/93	98			1.7	0.51	0.89	1.1
	09/14/93	210			<0.5	<0.5	<0.5	<0.5
	12/09/93	83			<0.5	<0.5	<0.5	1.6
	03/07/94	120			<0.5	<0.5	<0.5	0.51
MW-6	06/09/94	85			<0.5	<0.5	<0.5	0.52
	09/06/94	<50			<0.5	<0.5	<0.5	<0.5
	12/13/94	<50			<0.5	<0.5	<0.5	<0.5
	02/27/95	100			<0.5	0.77	<0.5	2.3
	06/07/95	84			<0.5	<0.5	<0.5	<0.5
	09/11/95	<50			<0.50	<0.50	<0.50	<0.50
	12/26/95	<50			<0.50	<0.50	<0.50	<0.50
	03/19/96	<50			<0.50	<0.50	<0.50	<0.50
	06/10/96	<50			<0.50	<0.50	<0.50	<0.50
	09/17/96	<50		5.0	<0.50	<0.50	<0.50	<0.50
	12/11/96	<50		<5.0	<0.50	<0.50	<0.50	<0.50
	03/12/97	<50		<5.0	<0.50	<0.50	<0.50	<0.50
MW-6	05/23/97	<50		<5.0	<0.50	<0.50	<0.50	<0.50
	08/18/97	<50		<5.0	<0.50	<0.50	<0.50	<0.50
	11/06/97	<50		<5.0	<0.50	<0.50	<0.50	<0.50

NOTES:

MTBE¹ = Methyl-Tertiay-Butyl Ether.
 < = Below indicated detection limit.
 NS = Not sampled.
 * = Product is not typical gasoline.

TABLE 2
GROUND WATER ANALYTICAL RESULTS
BEACON STATION #699
921 MERCHANT AVENUE, VACAVILLE, CALIFORNIA
(All results in micrograms per Liter)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons	Aromatic Volatile Organics				
			Gasoline	MTBE ¹	Benzene	Toluene	Ethyl-benzene
MW-7	02/01/93	180		<0.5	<0.5	<0.5	0.62
	03/26/93	<50		<0.5	<0.5	<0.5	<0.5
	06/08/93	<50		<0.5	<0.5	<0.5	<0.5
	09/14/93	<50		<0.5	<0.5	<0.5	<0.5
	12/09/93	<50		<0.5	0.98	<0.5	3.0
	03/07/94	<50		<0.5	<0.5	<0.5	<0.5
	06/09/94	<50		<0.5	<0.5	<0.5	<0.5
	09/06/94	<50		<0.5	<0.5	<0.5	<0.5
	12/13/94	<50		<0.5	<0.5	<0.5	<0.5
	02/27/95	<50		<0.5	<0.5	<0.5	<0.5
	06/07/95	<50		<0.5	<0.5	<0.5	<0.5
	09/11/95	<50		<0.50	<0.50	<0.50	<0.50
	12/26/95	<50		<0.50	<0.50	<0.50	<0.50
	03/19/96	<50		<0.50	<0.50	<0.50	<0.50
	06/10/96	<50		<0.50	<0.50	<0.50	<0.50
	09/17/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	12/11/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	03/12/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	05/23/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	08/18/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	11/06/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
MW-8	02/01/93	5,300		<5.0	<5.0	130	120
	03/26/93	85		<0.5	<0.5	<0.5	<0.5
	06/08/93	750		<0.5	<0.5	21	8.5
	09/14/93	970		<0.5	<0.5	<0.5	<0.5
	12/09/93	530		<0.5	0.56	11	2.1
	03/07/94	130		<0.5	<0.5	2.4	<0.5
	06/09/94	250		<0.5	<0.5	4.9	1.1
	09/06/94	180		<0.5	<0.5	3.4	<0.5
	12/13/94	110		<0.5	<0.5	<0.5	<0.5
	02/27/95	110		<0.5	<0.5	<0.5	<0.5
	06/07/95	160		<0.5	<0.5	<0.5	<0.5
	09/11/95	190*		<0.50	<0.50	<0.50	<0.50
	12/26/95	140*		<0.50	<0.50	<0.50	<0.50
	03/19/96	160		<0.50	<0.50	<0.50	<0.50
	06/10/96	130*		<0.50	<0.50	<0.50	<0.50
	09/17/96	110	140	<0.50	<0.50	<0.50	<0.50
	12/11/96	150	110	<0.50	<0.50	<0.50	<0.50
	03/12/97	330	550	<0.50	<0.50	<0.50	<0.50
	05/23/97	250	130	<0.50	0.65	<0.50	<0.50
	08/18/97	<50	140	<0.50	<0.50	<0.50	<0.50
	11/06/97	<50	170	<0.50	<0.50	<0.50	<0.50

NOTES:

MTBE¹ = Methyl-Tertiary-Butyl Ether.
 < = Below indicated detection limit.
 NS = Not sampled.
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TABLE 1

Water Level Measurements
 Beacon Station No. 699
 921 Merchant Street
 Vacaville, California

<u>Monitoring Well</u>	<u>Date</u>	<u>Top of Riser Elevation^a (ft)</u>	<u>Depth to Ground Water (ft)</u>	<u>Ground Water Elevation (ft)</u>
MW-1	03/22/91	99.77	12.54	87.23
	07/03/91		13.46	86.31
	10/03/91		15.52	84.25
	11/18/91		15.70	84.07
	01/13/92		14.69	85.08
MW-2	03/22/91	98.66	11.20	87.46
	07/03/91		12.10	86.56
	10/02/91		14.22	84.44
	11/18/91		14.39	84.27
	01/13/92		13.40	85.26
MW-3	03/22/91	100.59	13.41	87.18
	07/03/91		14.29	86.30
	10/03/91		16.34	84.25
	11/18/91		16.54	84.05
	01/13/92		15.52	85.07
MW-4	11/18/91	93.30	14.98	84.32
	01/13/92		13.98	79.32
MW-5	11/18/91	101.03	17.09	83.94
	01/13/92		16.11	84.92

^a Top of riser elevations surveyed in reference to a designated bench mark with an assumed elevation of 100.00 feet.

Note: Ground water samples prior to 07/03/91 collected by Ground Water Resources, Inc.

TABLE 2

Ground Water Analytical Results
Concentrations in Parts per Billion (ppb)
Beacon Station No. 699
921 Merchant Street
Vacaville, California

<u>Monitoring Well</u>	<u>Date Sampled</u>	<u>Benzene</u>	<u>Toluene</u>	<u>Ethylbenzene</u>	<u>Xylenes</u>	<u>TPH^a</u>
MW-1	03/22/91	26	5.9	32	41	1,700
	07/03/91	<0.5	4.0	18	9.4	1,200
	10/03/91	8.8	1.6	23	6	1,000
	01/13/92	13	<0.5	31	12	1,700
MW-2	03/22/91	890	12	140	55	4,600
	07/03/91	36	18	140	8.1	8,600
	10/03/91	31	2.9	20	3.8	1,100
	01/13/92	68	5.1	8.5	9.0	3,600
MW-3	03/22/91	1,300	210	540	2,300	17,000
	07/03/91	320	34	250	350	25,000
	10/03/91	150	8.4	43	79	2,600
	01/13/92	510	14	64	130	4,900
MW-4	11/18/91	<0.5	2.1	0.6	1.2	360
	01/13/92	<0.5	<0.5	<0.5	<0.5	160
MW-5	11/18/91	2,400	100	330	640	17,000
	01/13/92	1,900	110	40	590	21,000

^a Total petroleum hydrocarbons.

Note: Ground water samples prior to 07/03/91 collected by Ground Water Resources, Inc.

ATTACHMENT E

GEO_WELL ELECTRONIC DATA

DELIVERABLE CONFIRMATION SHEET

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